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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/579,411	05/15/2006	Bin Yin	NL03/384	7898
24737 7590 06/10/2009 PHILIPS INTELLECTUAL PROPERTY & STANDARDS P.O. BOX 3001 BRIARCLIFF MANOR, NY 10510				
EXAMINER				
HUBER, PAUL W				
ART UNIT		PAPER NUMBER		
2627				
MAIL DATE		DELIVERY MODE		
06/10/2009		PAPER		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Notice of Allowability****Application No.**

10/579,411

**Examiner**

Paul Huber

**Applicant(s)**

YIN ET AL.

**Art Unit**

2627

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the papers filed May 15, 2006.
2. ☒ The allowed claim(s) is/are 1-15.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
3. ☒ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_.

/Paul Huber/  
Primary Examiner, Art Unit 2627

**EXAMINER'S AMENDMENT AND REASONS FOR ALLOWANCE**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the specification, between the title of the invention and line 1, the following paragraph was inserted:

-- This application is a 371 of PCT/IB04/52285, filed November 3, 2004. --.

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The references cited on the PTO-892 each disclose a method and apparatus for suppressing cross-talk present in a read signal.

The following is an examiner's statement of reasons for allowance: the prior art of record considered as a whole fails to teach or suggest an apparatus or method for reading information from an information carrier (11) having tracks (9), comprising: a radiation source for generating a main beam (31) and two satellite beams (30, 32); objective means for directing the main beam (31) to a main track and the two satellite beams (30, 32) to locations adjacent to the main track; detection means for converting a reflection of the main beam (31) from the information carrier (11) to a read signal (C) which contains information of the main track, and for converting reflected satellite beams to satellite signals ( $S^+$ ,  $S^-$ ) containing information of tracks adjacent to the main track; cross-talk removing means (28) for outputting an improved read signal ( $\hat{C}$ ), comprising a first circuit for suppressing cross-talk of the adjacent tracks present in the read signal (C), characterized in that **the cross-talk removing means (28) further comprise a second circuit for outputting improved satellite signals ( $\hat{S}^+$ ,  $\hat{S}^-$ ) by suppressing cross-talk of the main track present in the satellite signals ( $S^+$ ,  $S^-$ ) by minimizing a correlation between the satellite signals ( $S^+$ ,  $S^-$ ) and the read signal (C), the improved satellite signals ( $\hat{S}^+$ ,  $\hat{S}^-$ ) being subsequently fed to the first circuit which is arranged to suppress the cross-talk of the read signal (C) by minimizing a correlation between the improved read signal ( $\hat{C}$ ) and the improved satellite signals ( $\hat{S}^+$ ,  $\hat{S}^-$ ).** (bold language emphasized)

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Paul Huber whose telephone number is 571-272-7588.

/Paul Huber/  
Primary Examiner, Art Unit 2627

pwh  
May 26, 2009